

FORM  
5A

Rev  
06/12

State of Colorado

Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:

400855550

Date Received:

COMPLETED INTERVAL REPORT

The completed interval Report, Form 5A, shall be submitted within thirty (30) days of completing a formation (successful or not), when a formation is temporarily abandoned or permanently abandoned, for a recompletion, reperforation or restimulation, or when a formation is commingled. Fill out a section for each formation. Attach as many pages as required to fully describe the work. List in order of completion.

1. OGCC Operator Number: 100185  
2. Name of Operator: ENCANA OIL & GAS (USA) INC  
3. Address: 370 17TH ST STE 1700  
City: DENVER State: CO Zip: 80202-  
4. Contact Name: Erin Lind  
Phone: (720) 876-5827  
Fax:  
Email: erin.lind@encana.com

5. API Number 05-123-39778-00  
6. County: WELD  
7. Well Name: Newnam  
Well Number: 2F-32H C264  
8. Location: QtrQtr: NENW Section: 32 Township: 2N Range: 64W Meridian: 6  
9. Field Name: WATTENBERG Field Code: 90750

Completed Interval

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION  
Treatment Date: 04/02/2015 End Date: 04/04/2015 Date of First Production this formation: 05/27/2015  
Perforations Top: 7547 Bottom: 9658 No. Holes: 351 Hole size: 0.38

Provide a brief summary of the formation treatment:

Open Hole: ☐

Stages 14 - 19, & 24 - 27 treated with 15,635 of fresh water, 48 bbls of recycled water, 129 bbls of additives, 40 bbls of acid 15%, and 968,384 lbs of 40/70 Sand Proppant

This formation is commingled with another formation: ☒ Yes ☐ No

Total fluid used in treatment (bbl): 15635

Max pressure during treatment (psi): 8251

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.97

Total acid used in treatment (bbl): 40

Number of staged intervals: 10

Recycled water used in treatment (bbl): 48

Flowback volume recovered (bbl): 48

Fresh water used in treatment (bbl): 15547

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 968384

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:  
Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:  
Test Method: Casing PSI: Tubing PSI: Choke Size:  
Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:  
Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:

Reason for Non-Production:

Date formation Abandoned: Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

\*\* Bridge Plug Depth: \*\* Sacks cement on top: \*\* Wireline and Cement Job Summary must be attached.

FORMATION: FORT HAYS		Status: COMMINGLED		Treatment Type: FRACTURE STIMULATION	
Treatment Date: 03/19/2015		End Date: 04/03/2015		Date of First Production this formation: 05/27/2015	
Perforations	Top: 8199	Bottom: 10860	No. Holes: 252	Hole size: 0.38	
Provide a brief summary of the formation treatment:			Open Hole: <input type="checkbox"/>		
Stages 5 - 8, & 20 - 23 treated with 12,508 of fresh water, 39 bbls of recycled water, 103 bbls of additives, 32 bbls of acid 15%, and 774,707 lbs of 40/70 Sand Proppant					
This formation is commingled with another formation:			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Total fluid used in treatment (bbl): 12508		Max pressure during treatment (psi): 9100			
Total gas used in treatment (mcf): 0		Fluid density at initial fracture (lbs/gal): 8.30			
Type of gas used in treatment:		Min frac gradient (psi/ft): 0.95			
Total acid used in treatment (bbl): 32		Number of staged intervals: 8			
Recycled water used in treatment (bbl): 39		Flowback volume recovered (bbl): 39			
Fresh water used in treatment (bbl): 12438		Disposition method for flowback: DISPOSAL			
Total proppant used (lbs): 774707		Rule 805 green completion techniques were utilized: <input checked="" type="checkbox"/>			
Reason why green completion not utilized: _____					
<b>Fracture stimulations must be reported on FracFocus.org</b>					
<b><u>Test Information:</u></b>					
Date: _____	Hours: _____	Bbl oil: _____	Mcf Gas: _____	Bbl H2O: _____	
Calculated 24 hour rate: _____	Bbl oil: _____	Mcf Gas: _____	Bbl H2O: _____	GOR: _____	
Test Method: _____	Casing PSI: _____	Tubing PSI: _____	Choke Size: _____		
Gas Disposition: _____	Gas Type: _____	Btu Gas: _____	API Gravity Oil: _____		
Tubing Size: _____	Tubing Setting Depth: _____	Tbg setting date: _____	Packer Depth: _____		
Reason for Non-Production: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>					
Date formation Abandoned: _____	Squeeze: <input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, number of sacks cmt _____			
** Bridge Plug Depth: _____	** Sacks cement on top: _____	** Wireline and Cement Job Summary must be attached.			

FORMATION: NIOBRARA-FT HAYS-CODELL Status: PRODUCING Treatment Type: FRACTURE STIMULATION

Treatment Date: 03/18/2015 End Date: 04/04/2015 Date of First Production this formation: 05/27/2015

Perforations Top: 7547 Bottom: 11513 No. Holes: 855 Hole size: 0.38

Provide a brief summary of the formation treatment: Open Hole: ☐

Stages 1 - 27 treated with 41,630 bbls of fresh water, 130 bbls of recycled water, 347 bbls of additives, 107 bbls of acid 15%, and 2,614,637 lbs of 40/70 Sand Proppant

This formation is commingled with another formation: ☐ Yes ☒ No

Total fluid used in treatment (bbl): 42214

Max pressure during treatment (psi): 9100

Total gas used in treatment (mcf): 0

Fluid density at initial fracture (lbs/gal): 8.30

Type of gas used in treatment:

Min frac gradient (psi/ft): 0.91

Total acid used in treatment (bbl): 107

Number of staged intervals: 27

Recycled water used in treatment (bbl): 130

Flowback volume recovered (bbl): 130

Fresh water used in treatment (bbl): 41977

Disposition method for flowback: DISPOSAL

Total proppant used (lbs): 2614637

Rule 805 green completion techniques were utilized: ☒

Reason why green completion not utilized:

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: 06/04/2015 Hours: 24 Bbl oil: 91 Mcf Gas: 233 Bbl H2O: 207

Calculated 24 hour rate: Bbl oil: 91 Mcf Gas: 233 Bbl H2O: 207 GOR: 2560

Test Method: FLOWS FROM WELL Casing PSI: 1947 Tubing PSI: 1052 Choke Size:

Gas Disposition: SOLD Gas Type: DRY Btu Gas: 1298 API Gravity Oil: 50

Tubing Size: 2 + 3/8 Tubing Setting Depth: 7212 Tbg setting date: 03/27/2015 Packer Depth:

Reason for Non-Production:

Date formation Abandoned: Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt

\*\* Bridge Plug Depth: \*\* Sacks cement on top: \*\* Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION  
Treatment Date: 03/18/2015 End Date: 04/02/2015 Date of First Production this formation: 05/27/2015  
Perforations Top: 9705 Bottom: 11513 No. Holes: 252 Hole size: 0.38  
Provide a brief summary of the formation treatment: Open Hole: ☐

Stages 1 - 4 & 9 - 13 treated with 13,877 bbls of fresh water, 43 bbls of recycled water, 116 bbls of additives, 36 bbls of acid 15%, and 871,546 lbs of 40/70 Sand Proppant

This formation is commingled with another formation: ☒ Yes ☐ No  
Total fluid used in treatment (bbl): 14071 Max pressure during treatment (psi): 8182  
Total gas used in treatment (mcf): 0 Fluid density at initial fracture (lbs/gal): 8.30  
Type of gas used in treatment: Min frac gradient (psi/ft): 0.91  
Total acid used in treatment (bbl): 36 Number of staged intervals: 9  
Recycled water used in treatment (bbl): 43 Flowback volume recovered (bbl): 43  
Fresh water used in treatment (bbl): 13992 Disposition method for flowback: DISPOSAL  
Total proppant used (lbs): 871546 Rule 805 green completion techniques were utilized: ☒  
Reason why green completion not utilized:

**Fracture stimulations must be reported on FracFocus.org**

**Test Information:**

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:  
Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:  
Test Method: Casing PSI: Tubing PSI: Choke Size:  
Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:  
Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:  
Reason for Non-Production:  
Date formation Abandoned: Squeeze: ☐ Yes ☐ No If yes, number of sacks cmt  
\*\* Bridge Plug Depth: \*\* Sacks cement on top: \*\* Wireline and Cement Job Summary must be attached.

**Comment:**

The Niobrara formation was treated from 3/18 - 4/02/15. The perforation intervals for this formation are 9,705 - 10,360 & 10,960 - 11,513. The Fort Hays formation was treated from 3/19 - 3/20/15 and 4/03/15. The perforation intervals for this formation are 8,199 - 8,754 & 10,480 - 10,860. The Codell formation was treated from 4/02 - 4/04/15. The perforation intervals for this formation are 7,547 - 8,152 & 8,802 - 9,658.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: Print Name: Erin Lind  
Title: Regulatory Analyst Date: Email: erin.lind@encana.com

**Attachment Check List**

Att Doc Num	Name
400855566	WELLBORE DIAGRAM

Total Attach: 1 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)